Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 20 Aug 2021 until 23:59 on Saturday 21 Aug 2021

Forecast Issued on Friday 20 Aug 2021 at 00:30

Confidence: High for cloudy theme to end working week, notably low for rainfall detail over weekend, then higher again for more settled and, eventually, brighter conditions gradually re-establishing from Monday.

Headline for Friday 20 Aug 2021: Damp and cloudy.

Mountain weather hazards on Friday 20 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Light rain
Precipitation probability					
20%	10%	10%	20%	40%	50%

Forecast for Friday 20 Aug 2021

Weather: Clearer intervals developing further east may lead to a few valley mist and fog patches at first. Friday daytime should be rather damp and cloudy at first, with cloud soon lifting clear of the peaks but probably then remaining rather stubborn to only allow limited warm brighter interludes. Becoming more extensively cloudy into the evening, with cloud descending and a little rain arriving.

Chance of cloud free mountain/hill tops above 600m: Near-nil at first, with cloud down to 300 metres on windward ground. Improving to 70% later in the afternoon before deteriorating again into the evening.

Visibility: Poor improving to good as low-level mistiness disperses, but deteriorating into the evening as intermittent rain sets in.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 20 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/7 SW	6/8 SW	7/10 SW	10/13 SW	9/13 S	10/15 S	11/15 S
300	4/6 S	5/7 SW	7/10 SW	7/11 SW	6/11 S	7/12 S	7/11 S
Valley	3/6 S	4/7 S	5/9 SW	5/10 SW	3/10 S	4/11 SE	4/11 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	13/12	15/14	15/14	15/14	15/14	14/12
300	13/13	15/15	17/17	18/17	18/17	17/16	16/16
Valley	14/14	16/16	19/18	19/18	18/18	17/17	16/16
Freezing Level*	2600m	2900m	3300m	3300m	3300m	3300m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There is limited scope for cloud breaks, however the sun still retains some strength, and at least carrying adequate protection is advisable should any cloud breaks prove more lasting.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 20 Aug 2021	5mm	6.6mm	21.2mm

Forecast for Saturday 21 Aug 2021

Weather: Potentially a cloudy and very wet day, although low confidence on rainfall detail in particular at present. Relatively light winds and the potential for persistent rain are likely to mean extensive and persistent low cloud, with correspondingly poor visibility and difficult navigation. Limiting activities to the lower slopes is advised.

Maximum wind: 15mph, varying direction.

Chance of cloud free mountain/hill tops above 600m: Near nil.

Visibility: Poor.

Temperature: **Valleys:** Plus 13 becoming plus 19 degrees Celsius.
At 600m: Plus 13 degrees Celsius.
Freezing level: Well above the peaks.

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